

Date: Sat, 22 May 93 06:37:17 PDT  
From: Info-Hams Mailing List and Newsgroup <info-hams@ucsd.edu>  
Errors-To: Info-Hams-Errors@UCSD.Edu  
Reply-To: Info-Hams@UCSD.Edu  
Precedence: Bulk  
Subject: Info-Hams Digest V93 #624  
To: Info-Hams

Info-Hams Digest                      Sat, 22 May 93                      Volume 93 : Issue    624

Today's Topics:

                    2 Meters and Airlines  
                    2m radios for European use  
                    ALC mod on IC-735 for QRP  
                    Alinco DJ580 Gets HOT!!!  
                    Cheers  
                    DX Clusters  
                    Hamputer\_Fest 93 (Central NJ, 6/5)  
                    HTX 202 tones  
                    Info wanted on "Antenna Specialists" antennas  
                    no-code defense  
                    Programming ICOM U2 ?  
                    Quagi antenna polarization question  
                    Question: Can a novice take the extra test?  
                    Signal report etiquette

Send Replies or notes for publication to: <Info-Hams@UCSD.Edu>  
Send subscription requests to: <Info-Hams-REQUEST@UCSD.Edu>  
Problems you can't solve otherwise to brian@ucsd.edu.

Archives of past issues of the Info-Hams Digest are available  
(by FTP only) from UCSD.Edu in directory "mailarchives/info-hams".

We trust that readers are intelligent enough to realize that all text  
herein consists of personal comments and does not represent the official  
policies or positions of any party. Your mileage may vary. So there.

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Date: 22 May 93 13:12:00 GMT  
From: news-mail-gateway@ucsd.edu  
Subject: 2 Meters and Airlines  
To: info-hams@ucsd.edu

I travel a lot (about 30% of the time) and take always take my Standard 558A  
dualbander with me. In addition, I usually take the Handypacket tnc,  
various antennas, chargers, and other such parstuff. I have NEVER been  
questioned about this stuff when it is seen on the xray...they seem

to be so used to seeing cellular phones, etc.

73, Tom N9CGD

-----  
Date: 21 May 1993 19:36:06 GMT  
From: topaz.bds.com!topaz.bds.com!ron@uunet.uu.net  
Subject: 2m radios for European use  
To: info-hams@ucsd.edu

Try Yaesu. My FT470 does 5, 10, 12.5, 20, and 25 KHz steps. I leave it at 5. I believe they make single banded versions that are the same way.

-Ron

-----  
Date: 22 May 1993 13:49:53 +0100  
From: pipex!warwick!warwick!not-for-mail@uunet.uu.net  
Subject: ALC mod on IC-735 for QRP  
To: info-hams@ucsd.edu

I saw mention some time ago that there was a mod to the ALC which would set the tx power range from a Watt or two, to 50W, on the 735. I realise that it's possible to feed a negative voltage into the ALC socket on the back, and have done this before, but would be interested in the other mod.

All being well, I'll be using the rig in Tanzania in July, August and September, and in addition to the desire to operate some QRP, power will be from a battery source most of the time, which means that the full 'monty' will be excessive for extended use.

Thanks in advance for any help,

73

Simon G0GWA.

-----  
Date: Fri, 21 May 1993 18:27:45 GMT  
From: rit!cci632!djlw@cs.rochester.edu  
Subject: Alinco DJ580 Gets HOT!!!  
To: info-hams@ucsd.edu

In article <1993May20.073400.23049@ke4zv.uucp> gary@ke4zv.UUCP (Gary Coffman) writes:

>In article <C7AFzz.G6K@boi.hp.com> dave@boi.hp.com (Dave Fujii) writes:

>>I've got a DJ580T HT that, when transmitting on medium or high power  
>>(12V operation) the unit gets very hot -- too hot to hold! Has anyone  
>>else experienced this? I'm wondering if something is wrong with the  
>>unit.

>

>Dave, this is a feature, not a bug. It tends to limit transmission  
>time gracefully. Rather than abruptly shutting down the transmitter  
>with a timeout timer, they allow you to talk until you have to drop  
>the radio screaming in pain. :-)

Nahh, that's the coffee warming feature! Just key up and stick the antenna into  
that lukewarm cuppa java. It'll be warmed up to the proper temperature quick  
enough. [In case it's not obvious, :-) ]

Dave

--

Dave Wright, N2TYR                      djw@cci632.cci.com  
Northern Telecom                      uunet!uupsi!cci632!djw  
Network Application Systems (NAS)      rochester!cci632!djw  
Rochester, NY

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Date: 21 May 1993 23:59:00 GMT  
From: mvb.saic.com!unogate!news.service.uci.edu!usc!sdd.hp.com!col.hp.com!csn!  
news.sinet.slb.com!news.San-Jose.ate.slb.com!jones@network.UCSD.EDU  
Subject: Cheers  
To: info-hams@ucsd.edu

John W. Albert (jwa@tellabs.com) wrote:

: Last nigat on the last episode of Cheers, Ham radio was mentioned.  
: Cliff Claven (the mail man) was trying to get promoted by buying  
: his boss a Ham radio.  
:  
: For those of you who's boss is a Ham and you want a promotion,  
: try it, let me know if it works.

Gee, too bad I'm not supervising anyone anymore... ;-) ;-)

--

Disclaimer: The opinions expressed above are mine and not those of Schlumberger  
because they are NOT covered by the patent agreement!

Phone: (602) 345-3638                      Internet: jones@sj.ate.slb.com  
Packet: N7RPQ@K7BUC.AZ.USA.NA              RF: N7RPQ  
Snail: Clark Jones, Schlumberger Technologies, 7855 S. River Pkwy #116, Tempe,  
AZ 85284-1825

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Date: Fri, 21 May 1993 20:16:02 GMT  
From: mvb.saic.com!unogate!news.service.uci.edu!usc!howland.reston.ans.net!  
news.ans.net!newsgate.watson.ibm.com!yktnews.watson.ibm.com!sernews!  
news@network.UCSD.EDU  
Subject: DX Clusters  
To: info-hams@ucsd.edu

In <9305211437.AA12443@umassmed.UMMED.EDU> sbaker@umassmed.UMMED.EDU (Stephen Baker) writes:

>I was wondering if anyone knows anywhere the Packet DX cluster info might be  
>gatewayed to internet/usenet/or bitnet listservers?

>--

I am the sysop for a DX Cluster in South Florida for the South Florida DX Association.

I don't think the Cluster software will forward DX to a packet radio bbs, only to other DX Clusters and to users.

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Tom Lewis	These are my opinions,
IBM Visual Subsystems	not necessarily those of IBM.
Boca Raton, FL	etc. etc.
tlewis@vnet.ibm.com	Amateur radio, N4TL
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Date: Fri, 21 May 1993 18:26:07 GMT  
From: pacbell.com!amdahl!amdcad!alleggra!ulysses!ulysses.att.com!  
wmb@network.UCSD.EDU  
Subject: Hamputer\_Fest 93 (Central NJ, 6/5)  
To: info-hams@ucsd.edu

\*\*\*\*\*  
\* HAMPUTER\_FEST 93 \*  
\* Hamfest and Computer Show \*  
\*-----\*  
\* previously the Dunellen Hamfest \*  
\*\*\*\*\*  
\* \*  
\* DATE/TIME: June 5, 1993 / 8 AM - 2 PM \*  
\* PLACE: Watchung Hills Regional H. S., Warren, NJ \*  
\* SPONSOR: Raritan Valley Radio Club \*  
\* FEATURES: \* VE Testing \* Indoor tables \* Outdoor spaces \*  
\* \* Rain or shine \* AMSAT reps \* ARRL-approved \*  
\* \* Commercial vendors \* W2 QSL Bureau \*

\*                   \* Refreshments \* Prizes \* Free parking                   \*  
 \*                   \* Easy access from Route I-78                         \*  
 \* DIRECTIONS: Route I-78 to Exit 40, North on Hillcrest Rd.           \*  
 \*                   toward Gillette, follow hamfest signs to           \*  
 \*                   Watchung Hills Regional High School                 \*  
 \* TALK-IN:       WA2UDT repeater 146.025/.625 & 146.52 simplex       \*  
 \* VE EXAMS:      Must be pre-registered; mail by May 30 to:           \*  
 \*                   VE Exam   c/o WA2F                                   \*  
 \*                   966 Brown Road                                       \*  
 \*                   Bridgewater, NJ 08807                               \*  
 \*                   For info, call John, WA2F (908 722-9045)           \*  
 \* OTHER INFO: John, WA2F (908 722-9045)                               \*  
 \*                   Walt, W2FLB (908 968-5993)                           \*  
 \*   \*  
 \*\*\*\*\*

For info via email, contact me.

Bill Brelsford, K2DI  
 AT&T, Basking Ridge  
 wmb@joplin.att.com

-----  
 Date: Fri, 21 May 1993 18:49:47 GMT  
 From: mvb.saic.com!unogate!news.service.uci.edu!usc!howland.reston.ans.net!  
 ux1.cso.uiuc.edu!uchinews!att-out!cbnews1!dara@network.UCSD.EDU  
 Subject: HTX 202 tones  
 To: info-hams@ucsd.edu

This may help with the HTX 202 touch tone problem. I found the  
 repeater would not respond to my tones. At first I thought it  
 was the hang time after the tones ~6 sec! but then I read the  
 manual (wow what a concept!) It seems they have a "fast" and  
 "slow" speed for auto dial tones. The default must have been the  
 wrong one. I simply changed the speed and the repeater responded  
 to all my tones. Hang time was still over 4 sec, but the repeater  
 didn't mind. Nice rig! Six watts in the car or on packet, 2 w as  
 an HT. Now, what was the hook up for packet?

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 Date: 21 May 93 22:19:15 GMT  
 From: sdd.hp.com!nigel.msen.com!math.fu-berlin.de!uni-paderborn.de!  
 urmel.informatik.rwth-aachen.de!infoac.rmi.de!infodn!hikaru@decwrl.dec.com  
 Subject: Info wanted on "Antenna Specialists" antennas  
 To: info-hams@ucsd.edu

Hello!

I am interested in antennas from "the antenna specialists co", especially those that cover the 850-960 MHz range.

Has anybody used these antennas (especially the MON-58 base station antenna) and can share his/her experiences with me?

How does this antenna perform compared to other antennas? Can it be used for transmitting? What about mechanical stability?  
Is the "exclusive MICRO-CHOKE" for real, or just another marketing hype?

Finally, is there a reliable mail order store that carries these antennas? I need names and telephone numbers.

Please reply by mail, as I do not receive these newsgroups!

Thanks in advance.

-Walter

--

Walter Doerr    == hikaru@infodn.rmi.de    ==    FAX: +49 2421 66910  
"Only Europeans understand how trivial CNN seems, because it always updates  
but never informs."        - Adam Singer, vice president international, TCI

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Date: Thu, 20 May 1993 03:51:04 GMT  
From: sdd.hp.com!usc!howland.reston.ans.net!darwin.sura.net!knuth.mtsu.edu!raider!  
theporch!jackatak!jackhill@network.UCSD.EDU  
Subject: no-code defense  
To: info-hams@ucsd.edu

system@mooch.sbs.com (Christopher Ogren) writes:  
> jackhill@jackatak.raider.net (Jack GF Hill) writes:  
> >> system@mooch.sbs.com (Christopher Ogren) writes:  
> >> oodles of QST articles to prove it. Then they did an about face  
> >> because of the \$\$\$\$. ARRL does not represent a majority of hams anyway.  
> >                                ^  
> >    Had you stated  
> > your premise that the majority of licensed US hams were not members of  
> > the American Radio Relay League, you'd have been correct.  
> Wrong you are! I stated that perfectly. Yes the ARRL may be the only  
> defacto representative body. But the fact still remains that the ARRL

> does NOT represent a majority of amateurs.

Let's get this straight, just for the halibut... "de facto" mean IN FACT. If then, the ARRL is the de facto representative body for hams in the US, and the only such body, this means they represent \*all\* the amateurs, not \*just\* the membership.

> that the ARRL is a BUSINESS. They are a publishing house. PERIOD. Well, in part you are correct, but the League is many more things than a publishing house. And, just for the record, given that the ARRL was accused of being behind the original incentive debacle in 1968, one would think they might have figured out the pitfalls of messing with the licensing structure. The earlier incentive program was such a horrid disincentive that it effectively killed off the domestic ham manufacturers and nearly killed the entire hobby. Not good.

> thier publishing business first on the no-code issue.  
On what facts do you base this accusation?

> > As an Old Buzzard....I think you

> > are way off base,

> So because you are an "old buzzard" means your facts are valid. WRONG! I never said that because I was older than you, that I had better facts. I did say I had a better perspective, and it is not inconceivable that I might \*also\* have better facts, since I am a member of the ARRL, read carefully, ask \*LOTS\* of embarrassing questions, and am seriously considering running for an \*elected\* League Office so that I may change, from within, those things I feel need addressing.

> I have researched the topic and know personally many many hams who have  
> been licensed before incentive licensing.

Given that pre-incentive licensed hams were around and on the air a couple years before you were born, I submit that very few of your acquaintances were around "pre-incentive"... pre VBHF Technician, maybe.

> In my "tender" 24 years on this planet I have  
> done more than many other "old buzzards".

Congratulations, and I say that without sarcasm. More people should try to \*do\* things, experiment and learn. The hobby would really grow and develop wings if we could get people involved and active, not sitting around complaining about other people or making ill-founded judgements without full factual basis.

> Incentive? Oh my gosh. We can't have that "stupidity" now. It's too  
> hard. Well your breed has helped to make American psyche weak. Gimme  
> Gimme Gimme.

And \*that\*, Chris, is totally ill-founded and without basis. You are

assuming that because I support a codefree entry level license, I am a weak-kneed whiner. Well, I teach classes to help people. I have operated from several DX countries, contested, build gear, repair boatanchors, and run several businesses which I have founded. The only whining that I do is directed at the government, who force me to spend an incredible amount of time energy and money collecting and reporting on data that has no bearing on \*ANY\* activity relevant to my business. And, I do not consider writing well-reasoned and factual letters to my elected representatives whining, but the term was in vogue in your response.

> > that these new hams are upgrading, at the rate of nearly 2 of every 3,  
> > should take a great deal of the argument out of you.  
> You just killed your previous statement that incentive was stupidity. If  
> in fact 2 out of 3 no-code beginners do upgrade to a coded status then  
> the incentive DID work. But didn't you say that was stupidity?  
If you \*KNEW\* your history and your facts, and had them at your disposal when you wrote, you'd do much better. The "incentive" program I have been referring to was the mess of 1968. Then, operators who had full access to the entire HF allocations had those privileges REDUCED to accomodate incentive licensing -- no grandfathering, just TAKE AWAY what people had earned, and make them upgrade to get back what they already had. Hardly a fair proposal, and it DID almost kill off the entire hobby.

The current system is a carry-over from the earlier mess, and the part of the system, the only part, that really seems to be working is the codefree entry point. People who are good potential hams are now encouraged to enter the hobby and try it out. That many would never have given it a thought had the CW requirement for entry level remained is FACTUAL. That once exposed, these newcomers learn more and gain a reason to invest the time to study and learn Morse Code is also factual, and the approximately 2 of every 3 who do upgrade are the best evidence that the codefree entry license is the best thing to happen to US amateur radio since 1946.

> But like so many who believe they are educated  
> because they are an "old buzzard", you will no doubt sputter on proving ...That once again you have opened your mouth and inserted foot with another totally unfounded assumption. Yes, I am old enough to be your parent, which, in and of itself, means nothing. However, I work in an area that REQUIRES continuing education, and I assure you, I devote much extra time to studying the technical \*and\* political aspects of amateur radio. I do NOT depend on age and osmosis for facts or understanding. I study and work for it.

> Remember a man without an education is NOTHING!  
And, on that we do agree...but the education that is formal alone,



without a good measure of experience with which to fire and temper one's analytic skills and to develop a working BullSh\*t filter...is not worth much more than the paper and ink on the diploma.

> You see Jack, I love this lively debate. I may respect other people's  
> views but I have have my own which often differ with other PC people.  
I am somewhat ;^) in favor of this debate as well, and I wish my newsreader would let me take it to .policy, where it would be more appropriate. I am not politically correct, as any of the folks from my BBS would be happy to verify...along with many of the assumptions you have made which they find most amusing!

73

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+-----+
| Jack GF Hill          |Voice: (615) 459-2636 - Bicycling and SCUBA Diving |
| P. O. Box 1685        |Modem: (615) 377-5980 - Compu$erve 76427,31 |
| Brentwood, TN 37024  |jackhill@jackatak.raider.net - Ham Call: W4PPT |
+-----+
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Date: Sat, 22 May 1993 10:26:49 +0000  
From: pipex!bnr.co.uk!demon!cix.compulink.co.uk!jnewgas@uunet.uu.net  
Subject: Programming ICOM U2 ?  
To: info-hams@ucsd.edu

I use a little ICOM U2 UHF Transceiver for TCP/IP. This has two pre-programmed channels. ICOM themselves normally have to program it by cloning from a U16 Trnscvr. ICOM don't want to disclose the protocol details for this.

Do you know the details of how the cloning takes place ... or have you a U16 that could be monitored during the clone process.

I realise that it is a serial data transfer, and I know the routines for programming the U16 from its keyboard. The U2 is the version with no keyboard and I can't see an easy way in !

Many thanks for reading this.  
73 de John

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+-----+
|John Newgas g7ltq@g7ltq.ampr.org      | [44.131.19.205] - 439.925 MHz      |
|NTS G7LTQ@GB7XDD.#32.GBR.EUR         | Located in Highgate London, N6    |
|Internet: jnewgas@cix.compulink.co.uk | Locator Square IO91WN             |
+-----+
```

Date: Fri, 21 May 1993 21:30:55 GMT  
From: rit!isc-newsserver!jdc3538@cs.rochester.edu  
Subject: Quagi antenna polarization question  
To: info-hams@ucsd.edu

On Quagi antenna's, what affect does directed-element orientation have on polarization and gain?

For example, a bottom-fed loop gives horizontal polarization, and a side-fed loop gives vertical.

But do the directed elements have to "agree" with the loop's polarization? Are horizontal elements on a vertically-polarized antenna as effective as vertical elements on the same antenna?

Thanks...Jim  
(no call letters yet, I'm still in the 8-week waiting period)

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Date: Fri, 21 May 1993 21:14:49 GMT  
From: dog.ee.lbl.gov!overload.lbl.gov!agate!usenet.ins.cwru.edu!gatech!concert!unccsun.uncc.edu!jmcoving@network.UCSD.EDU  
Subject: Question: Can a novice take the extra test?  
To: info-hams@ucsd.edu

In article <1tjbru\$1rm@charm.magnus.acs.ohio-state.edu> ksampath@magnus.acs.ohio-state.edu (Krishna S Sampath) writes:  
>the subject says it. assuming that the novice has 20 wpm cw, can the ham  
>take the extra test?

Anyone, even an unlicensed person, that is eligible to be an Amateur Radio Operator can take the Extra test. It used to be that you had to hold a General or Advanced license for 2 years before you could take the Extra, but that requirement was done away with about 1976. If you're ready go ahead and take the test!

--  
John Covington WN4BBJ           Internet: jmcoving@mosaic.uncc.edu  
P.O. Box 217122               MCI Mail: JCOVINGTON 342-6957  
Charlotte, NC 28221-7122      Packet Radio Mail: WN4BBJ @ N7IJI.#CLT1.NC.USA.NA  
(704) 537-7653                "Kenneth, what's the frequency?" "I dunno, ask Dan"

-----  
Date: 21 May 93 14:42:00 GMT

From: saimiri.primate.wisc.edu!usenet.coe.montana.edu!news.uoregon.edu!  
netnews.nwnet.net!spiff.seattleu.edu!thebes!ole!rwing!eskimo!mann@ames.arpa  
Subject: Signal report etiquette  
To: info-hams@ucsd.edu

In article <15051@news.duke.edu>, jbs@ee.egr.duke.edu (Joe B. Simpson) writes:  
> lapin@casbah.acns.nwu.edu (Gregory Lapin) writes:  
> >  
> >Has anyone else noticed that everyone gets 59 reports from DX stations?  
>  
> Oops. Am I breaking some sort of unwritten ham law? I just sent out my first  
> 8 QSL cards, and only one of them had "5x9" noted. Most of the rest were

The way it was explained to me ( and experience has confirmed it), during a  
contest or DX pileup, EVERYONE is 59 -- it makes logging easier.

--

Tom "Old" Mann KD9NL/7 Kirkland, Wash.

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Date: Fri, 21 May 1993 20:25:55 GMT  
From: netcomsv!attain!icd.teradyne.com!news@decwrl.dec.com  
To: info-hams@ucsd.edu

References <9305191754.AA00648@ucsd.edu>, <C7AE8L.JtM@ucdavis.edu>,  
<2867@tekgen.bv.tek.com>s  
Subject : Re: 2 Meters and Airlines

In article <2867@tekgen.bv.tek.com> brucec@tekgen.bv.tek.com (Bruce Cheney)  
writes:

-How about getting them through the security monitors? Do they  
-get all excited when they see a small handheld in carry-on  
-baggage?

I always hand it to the security guard, and turn it on to the local NOAA  
weather channel. Aparantly, if they can see something light up or make  
noise, they are satisfied. I haven't been asked about the spare batteries,  
either.

/mike

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\\| Michael L. Ardai N1IST Teradyne ATG Boston

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/|\ ardai@maven.dnet.teradyne.com

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Date: Sat, 22 May 1993 01:47:07 GMT  
From: munnari.oz.au!spool.mu.edu!torn!watserv2.uwaterloo.ca!watserv1!mks.com!  
richw@network.UCSD.EDU  
To: info-hams@ucsd.edu

References <9305191754.AA00648@ucsd.edu>, <C7AE8L.JtM@ucdavis.edu>,  
<2867@tekgen.bv.tek.com>  
Reply-To : richw@mks.com (Rich Wales WA6SGA/VE3)  
Subject : Re: 2 Meters and Airlines

Since no one else has brought this up yet, I guess I will.

When one is on a commercial flight, the US FAA rules say that any use of radio equipment can only be approved by the owner of the aircraft (i.e., the airline -- NOT the pilot). For practical purposes, you can't do it, and it isn't worth wasting your time asking the flight crew for permission, because they don't have the authority to give it to you.

--  
Rich Wales <richw@mks.com> // Mortice Kern Systems Inc. (MKS)  
35 King St. N. // Waterloo, Ontario, Canada N2J 2W9 // +1 (519) 884-2251

-----  
Date: 22 May 1993 14:22:28 +0100  
From: pipex!warwick!warwick!not-for-mail@uunet.uu.net  
To: info-hams@ucsd.edu

References <1993May18.203254.12924@news.acns.nwu.edu>, <15051@news.duke.edu>,  
<C7Dsu2.MBK@eskimo.com>t  
Subject : Re: Signal report etiquette

One major gripe I have (somebody touched on this earlier in the thread), is the lack of willing most ops have to giving anything but T9 on CW, even when the tone can be atrocious and the signal can be heard over half of the band!

Surely if somebody's tone is poor then they need telling (repeatedly if necessary) so that they might do something about it. It's quite possible that they are not aware of the problem, and they never will be if they don't get the odd 565, or whatever, so the op who hears the problem does have a responsibility in this respect.

The problem seems to be often in homebrew high-power amps, so when you do hear the problem you tend to hear it rather well! At least those of us in EU do, anyway (:)).

Simon G0GWA

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End of Info-Hams Digest V93 #624

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